

USSR and Butgaria in ection.

Photo by Boris Knuiman

## Answer due next season

MINT TANGETHER COMMENTS OF STREET AND STREET OF STREET STREET

în its lasi gama ol ihe season the Soviet Olympic lootball team drew in Moscow with Bulgaria

The uncassing autumn rain which fell that dev certainly detracted from the game's quality, and, though in good

1.3.4.

condition, the grass was slippery. Strange es it may sound, our southern visitors took little time to adjust to the weether conditions, being more aggressive though fessing to pose serious thracta te the Sovtas gont in the strat half. As for the Sovtet side, they had only a single real according opportunity but Grathe second half the USSR were the more aggressive sidn hut play was too individual, they

goal. The Bulgarien side did not lack datarmination either, and our goalia Chanov played for alt his worth, warding of aeveral helty shets.

in the closing 15 minutes the USSR eeemed to have regaleed the initiativa, mounting an ailout olfansiva but regrettably their abooting lacked accuracy. Their naxt game is due next year, and that could clinch the group winner. GROUP A

G W D L GA F 5 3 2 0 9-3 B Hungary Bulgeria Greece 3 0 3 0 3 3 3 4 0 0 4 3 tt 0 Gennady LEONOV

## SPORTS GALA ΙN **PYONGYANG**

The 6th Netional Tournemant fust opened to Pyongyang, the Democratic People's Republic of Korea, has drawn over 5,000 participants who won the elimi-nation rounds held across the

republic aince early August.
This is the higgest such sports event in the country which is held once in five years. The tournament which began with a colourful gafe, will last until October 25.

## CHESS

World chess champion Anatoly Karpov, of the USSR, drew

with Ull Andersson, ol Sweden, et the start of the big annual international tournament at Tihurg. Holland, an event which teatured 12 top-notch Grand-

Ralast Vaganyon and Lev Polugayavaky, both of the USSR, won their gamae, whila the other games resulted in draws, Jan Timman drew with Boris Spassky, Ljuhomir Lju-bojevic with Lajos Portisch and Jasser Seyrawan with John Ven

The tournament will wind up on October 26,

t7-year-old Otar Mchadlishvill from Thitisi has set a world record of 27.836 sec in the 500 m time trials with s flying start in the cettonel cyct-ing cup on the Krylatskoye Otymptc track in Moscow. Photo by Sarget Prosukov

## JUDOKAS MEET IN MOSCOW

Forty-five countries are taking part in the 13th World Judo Championship in the Lenin Central Stadium Palace of Sport in Moscow. Up for contention on the first day were madats in the under-95 kg and

over-95 kg divisions.

In the format division championship nowcomes
Andreas Presschal, of the GDR, scored points in the last minute to get the upper band over Valary Divi-senko, of the USSR, to win the title. Gunter Neusreuthor, of Wast Germany, and Robert Van der Walla sharad the bronze.

Valia sharan ina nronze.

Io the ovai-95 kg division triple world titla holder

Yasuhiro Yamashita had a complate win — ippori
gachi — io tha finela over Willam Wilhalm, oi Holtand, Khabii Bikiashev, of the USSR, aharad lillinsixth places with Canadian Mark Berger.

FIRST TEST

FOR SOVIET

HOCKEY PLAYERS

The International flaid bockey

tournement in the GDR city of

Jena has been won by the So-

viet national women's team who

were the bronze medalists of the 2nd Summer Olympice. They have defeated Czechoslovakia I—0. Poland 3—0, and the CDR 3—0. The Soviet team scored six points followed by the GDR. Czechoslovakia, and Poland.

Outstanding play came from such experienced Soviet ptayers as N. Krasnikova and N. Buzu-

nove. This was the first test for

the Soviet national team in the

preparations for the Buropean championship in May 1984.

Georikh KHACHKOVANYAN Neuereuther.



In the photo: Divisanko (left) in dolog battle with

#### FOOTBALL NEWS Europeans protest Belgium tied with Scottand at overpriced tickets tion Eumpean tournament to make the finals due in Juae 1984

Rapresantetives of travat agancias from 12 West European countries have made a strong prolasi to the Organiz-log Committee of the 1984 Olympics in Los Angetes over the committee's policies in distribuiling overpriced lickets for the Olympic Games. The "Loe Angelas Times" writee that an appeat sent to the committee on babelt of several countries, including Britein, Frence, Spain,

Danmark and Ireland, points out that if the committee does not

change its attitude, no one could

linm the dinner table". The Enropean appeal also erpresses the ageories' exhens displaceure with the high coal of the tickots.

expect many sports fans to come

to the Los Angeles Games from

tickets, including those to the opening end closing ceremonies of the Games, and to the finals

of the most popular contests is mainly decided on by the United States, whereas the Euro-

peans are receiving only "suspe

The eflocation of the bet

Western Europe.

## Ice hockey catching up in Italy

Eight clina have entered listy's 50th ice hockey championehip. The "Il Giornele" newspaper commonts that the championship has a novol lormet: first the teams will most in a two-stags tournament which will end on Fohrnery 7. Later Squadre Azzurra will play in the Olympic tournament in Sarajavo, with the netienal championship

resuming on February 24. The first national champion ehip in 1924 was won by a lear from Milan. There are quits a few Canadians as well u Swedes and West Germans and ploying lot the local teams loo hockey, the paper as phasizes, is all a aport for only e select lew but its popularity is etaedily on the increase.

## WELL BEHAVED

According to the Italian 'Tenorama" magazino, the peoplo rooting for the Udineze team aro the most disciplined in Italy. This ta the conclusion of e epoctat commission who looked in-to the lootball fans believlour to the t982-t983 season. It kept a thorough account of fens' mle-behaviour including the type of oflensive alogans shown to op-ponents, abouts humiliating for players end umpires elike, end ections disrupting the gemes, each of these ollences carrying

The fans from Udine totalled only 12 auch polols throughout the entire season, lollowed by their Torino and Inter comies parte. The George and Calangaio supporters were found to be the most undiscipled and ill-behaved

The aim behind the exercise was to alop hooliganism in the elands so that specialors could. watch the games undisturbed. Vladimir McMilliN

# INTORIATION.

EDITORIAL BOARD

Index 50078

popular masses in Chile grow is their determination to do with the Ploochet regime which plunged the country-late that economic and social crisis, like most grave in its history. In those demonstrators in sanitage demanding the restoration manufacturible.

## CALLS BY CPSU CENTRAL COMMITTEE

// The CPSU Central Committee has issued its angual cetts, this time on the 66th nealvestary of the October Revolution, onliaing the main areas of the Soviet peaple's creative work to preserve and streagthen peace and streagthen the stream of the Soviet peace and streagthen peace and stream of the stream of the

Cemant the unity of the socialist community and the alilanca of world socialism, tha world prolelariat and the national liberation movement.

Step up the struggle against imparialist aggression and violence and for the elimination of hotheds of tension and

Curb the arms race and remove tha threat of war and promote datente.

 Ban atomic and other weapons of mass destruction and alave off nuclear disaster,

#### **VIENNA** MALKS IN

N (495), OCTOBER 18-21, 1983

THE Andrel Gromyko, they serve is, by a show of Parks of the Politbureau of CSU Central Committee, mythical llexibility, to midead the world, concerning the real intention of the USA—to bring, Marke Chairman of the USSR (m) of Maiston and Minisat all costs, new American mia-3 of Fareige Affairs of the 15% and Hans-Dietrich Gensiles into Western Europe, pilmarily to West Germany. de, Vice-Chancollor and legs Maister of the Pedaral land of Germany, locused Andrei Gromyko further brought his conderpart's aftention to the responsibility lacing a polices of limiting nuclear cases to Europe et their cases Andrel Gromyko realized that the Soviet Union radiy favoured a solution of time acute problem whereby shows security was impalied

the West German Government In preventing a new and hazardons lwist to the nurtest arms tace which the USA is folsiing on Europe, the sounded the hope that the West German Government would show realism in this the level of nuclear conmatter and not promote a continnet stockpiling of new types zales la Europa was sharp!y trushed. This is exactly the of nuclear weapons in Europa, in difference te Soviet profart juster radical reductions in pri which pave the wey to raise mutually acceptalite acthe existing unclear arsenals which would considerably h in Ceneve.
A wally different approach strengthen Unropean security

and benefit the cuttre world. been taken by the content White in Vienna Andrel Gramyko visited Rudoll Kirchschthen siministration wine in The collected military odlager President of the Austrian Rejordic, Both sides noted the the partly in nucleur mutually lameticial and dynamic and large means in Enrippe. naturn of Soviet-Austrian relaus contimed by the an-caltions and conlinued their readi-ABW US proposala which in ness in continue elloits to pro-They're any willingness whatmote the retailors in ell areas. us to agree on a fair trasis. Andrei Gromyko niso met Anstrian Chancellor Pred Sinotally literals of the USSR disalles. The enty purpose

memorabile.

Prica 5 kopeks

watz and toceren Minister Erwin

## PURELY INTELLIGENCE OPERATION

lodes. The version of the South Rotean introder pla-2's fastdolent through and The was the tutinkingto a special programme a on British television.

hashos went to much subject the Booling 747 which find Soviet air space and lead to opinions trom authorizational American could be military experts and residual American could be subjected. Motal American totolij-Et officers and nowemen at conducted that the US ad-Cases its people and its vision allies and that the main to "condemn" tho loss Union cao in no way be

Tu begin with, they say, the error in the plane hoving strayed 500 km oil course is totatly impossible, being ruled not by the very advonced having the asystems on board the plane. The presenters stressed the plane commenter was an experienced pilot with 10,000 limits in the air aboard such pilanes to his credit, and who had carlier beau the personal plint for the head of the South

Korean rogimo.
This was a purely intelli-gence aperation, "Boston Glo-be" military observer T. Caplan told the programmo investiga-tors. Nearly all the pilots of South Korean air companies are linked with the US CIA, ha siressed.



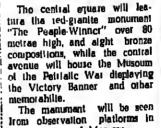
## A HOLIDAY OF **VOLUNTARY LABOUR**

Millions of people atlended the latesi Commu-niat Subhotnik in the USSR, a day of votuntary unpaid work to promote the common cause and

which benefits one and ell.

The Subholnik was aponeored by Muscoviles to celchrete the 25th anniversary of the movament of communist attitude to work, and the proceeds will go to build schools, sanatoriums and medical legitions. and medicat lacilities, as well as to improve meibor-and-child care and the health care of war and labour veterans.

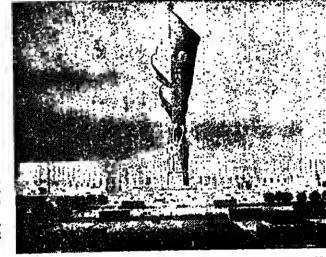
The 6,900,000 Muscovites gave all thetr earnings - 31,600,000 roubles - to a fund to build a momorial of the Soviat people's Victory in the Greet Patriotic War, as 120 hacteres have hoan sat aside for it on a mound on the Po-klennaya Hill.



vailous parts of Moscow.

in the photas: This hydrantic excavetor was assembled, over and shove their quata, by warkers at the landing plant of the Kressy Ekskevetor production association in Kiev on the alest Subhotnik.

The monument commemorel-ing the Saviet people's expidit in the Great Patriotic Wer.



Bleckpool. The Conservative Party has onded its 100th Conlorence in the Winter Garden

The organizers intended to use it as a sort of calebration and parade Titacher cabinet's achievements and its success at the recent georal election. However, there was little jubistion. Eveo the newspapers which invariably support the Tories admit that the conference was held in an atmosphere of exciter and doubts among lety and doubts among the delegates as in whether the parly's present course is what

The difficulties the Tories The difficulties the are lacing have been caused by their inability to softee the distance affect of the crists in British. Unemployment continues to grow, standing, according to the distance of four mil-

SHOCKING STATEMENT

Brussels, Tile statement made by President Francols Mitter; by President Francols Mitter; rand of Franco, twen in on an official, Fight bere, fuelly you the deployment the francols of the deployment the francols of the madrum range middle range, the emong the deployment fuels, has eveled make intelly cash emong the deployment fuels, has eveled make fuelly minded Balgian public According ing. 10, Karel Van Miert Chair ing. 10, Kare

Tokye. The Secul regime is whipping up fensions to the Korean Paninsula, carrying out large-scale military macceuvres involving 20,000 troops and a large number of combal equipment. The macceuvres codenamed "Two Dragons-83" will lest for five days.

against the backcloth of bellicose against the backcloth of bellicose statement by Seoul leaders and escaletion of military psychosis to the country. Reports coming from Seoul say the country's 600,000 armed forces were placed on bigher alert and similar orders went out from the command of the 40,000 US corps stationed in the country.

## ATTENTION, SUBSCRIBERS

DEAR READERS.

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CONSERVATIVES MEET IN AN ATMOSPHERE OF UNCERTAINTY servatives offer in treating the alling oconomy? First of all, they intend to continue their

Palace.

What remedies do the Con-

would serve Europeao security
better it he were to agree to
French number noiseles being
included in the Geneve talks
rather than pressurizing the
salgian Government into deplayogenew US missifest
layogenew US missifest
Francols Millierand's statemissa was descreed "salectaing"
by Pierre Galand President of
the Mattheway Committee for
the Mattheway Committee for

they intend to continue their policy of cutting government spending on social needs.

A plan for the onslatight on the unions was presented by N. Tabbit, Secretary of State for Employment. From his spech it traospires that the government will eak parliamact to rubber stemp legislation which will enable employers and the government to take the uctors to court and to toterfere in the election of oew union last for five days. re in the election of new union re in the section of the Tories, the conomic programme is causing discontent as it is editely oriented to suit the interests of high husiness and promises nothing to the workers except the tightening of the belt.

The debate on international problems has confirmed London's interligion to follow Resegon's militaristic policies.

The USA has taken a mani-The USA has taken a manifestly provocative stand with regard to aveous in the Korean Peningpla. The commander of the joint American South Korean amed forces demonstratively a chounced suspension of his leave. The FKarl Vilnon' nuclear-powered strike sircest carries is cutteing off the peningsulp and the St. Louis' lending subject of the St. Louis' lending subject of the Japanese port of Sasebout the mouth of the Korea Strait.



sa Tuesdays and Saturdays and offers in brief the fatest injermailen en avenis. In the USSR and in the world reported by TASS end foreign news agencies, Nething short of the majorial carried in the additions of both

Moscow News" and "MN

fermotien" gives you a full idea of itie in the Soviet Union for Sputnik Ltd., Cest, Paleolegeu t9,

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firm or agency handling sub-scription for Soviet, periodicals lo subscribe.

MN INFORMATION (6 79 (HI .)

## Pentagon demanding more sacrifices

Washington. The current While House meetings cliented by President Reagan are devoted to the preliminary outlines of the US draft close budget for the US from year. The doctors the 1985 flecal year. The droft to to be submitted to Congress

next February.
As before, the Pentagon is trying to get as much as pos-utble. Defense Secretory Wain-berger submitted o droit military budgel for record military spending of 321,600 million dollars. He cynically ignored o Congressional decision to cut

systems. In cext year's budget the Pentagon is demonding that its "vital" needs he met to the

The spending on the Peniogon needs is now sal of 280,000 million dollars and the military spending per lamily, according to the "Arms Control Today" bulletin, will stand of 3,200 dol-lors, in the noxt live years, during which military appoding will occount for 1,600,000 million dollars, this ligure will rise 10 20,000 dollare,

## WEST GERMAN POLICE CRACKS DOWN ON ANTI-WAR MOVEMENT

Bonn, Having moved from threats to action ogainst the onti-war movement which has swept Wesl Germany, Bonn has given orders to suppress it. According to West Gurman news agencies, police have deali severely with the demon-strators who took part in the symbolic "blackades" orranged by West German peaco champions oround the American mil-liary bases to Bsemerhaven, Ramstein, Holdolberg, Moon-helm, and many other West German towns, and cilies.

1000

ons were used by police against meny thousands of demonstretors who were protesting against the deploymeot of new American medium-range missileo in West Germany. In Bremerhaven, heavily ormed police attempted to atop the "blockada" of the American army barracks lo clashes with police severat demonstratore were seriously injured, and more than 200 detained, many of them lacing reprisals in court. Several hundred people were also arrosted by police in Ramstuln and Heidelberg.

## NORWEGIANS OPPOSE AMERICAN MISSILES

Oslo. A National Disarmament Week has been launched in Norway under the ulogans, 'No to New American Nuclear Masiles in Europel", "Stop the Nuclear Arms Racel" and "Yes to Nuclear-Free Zone in the Noste of Busopel" The Week has been proposed by the Norwegien mass "No to Nuclear Weapons", The programme of

VIEWPOINT

the Week includes demonstrations, railles, dissement seminaru, and exhibitions of ontiwar posters and will be crowned with o mass lorch march in thu

Norwegiaa capital. In a pamphlet which was produced to colacide with the Wesk, the onli-war organizations point out that most Norweglans are saying a resolute "No!" to

Pershing-2a and to cruise mis-elles. More than 500 Norwegian trade union, women's and other public organizations have sent an appeal to the Storting (parlio-mont) with a demand to adopt a resolution which would make it binding on the government to oppose the deployment of new American first-sirtke weapons

A handy springhoard.

Mexico determined

Meuico Cily. The Mexican

gelling hold of the Mexican

increases in the euport of

Government rejects continuing pressure from Woehington eimed

Responding to Insistent requests from the American side

Mexican oil to the United States,

thu Mexican deputy minister, E. Mondoza Berruelo, lo change

of power engineering, mining

on European soil.

As part of the national de-velopment plan, the government will continue to use its onergy resources relionelly. Mexico's linat aim le lo turn from a euppller of row molcrisis into en exporter of oil products, A plenary meeling of the foseign ministers and heads of delegations of the non-aligned countries at the UN Headquerters issued a statement urging a

barrele a dey.

Washington's manoeuvres around UN

Vadim KORTUNOV

On October 24, the world community is merking the Ualtud Nations Duy. This your nations and esculeting world the 38th session of the UN Guntary Assemble. See the course of the course o beretions in a most complicuted ultration owing to the genurel tensions worldwide as wolf as the factually provocalive post-lion vis-a-vis this international forum of the Reagan edministra-tion, which has, to elf injents and purposas, rasolved to do-rall its very fundamental prieci-

The session's agenda has loss of most complicated problems demanding an aerilest solution. This would seem to add to the responsibility of all nations before the UN, but not so with the Reagan administration. the Reagan administration, which not only her been in-creasingly ignoring. Use dact-alons lately but throwing up barriers to the normal function. ing of the organization and us-

the White House's common prudice as though it were not un internetional organization but some deperiment in Wesh-

nut some deperiment in Weshington.

In his upaach to the session
President Roegen did praise
some aspects of UN activities
and the next dev the office of
the White House Press Secsetsry circolated a presidential
address in connection with the
UN Day, also praising its work.
Still the real worth of this preise becomes clear if one remembers that a week or so before
that none other than Roegen
himself includity backed up the
State: Department spokesmen

vary spily described the US position as an attack on the UN. The paramptory talking down to the UN has lately become other uncertainty of the UN has lately become other place.

What prompted such semerks was the fact that most UN membars have fately been in disegroument with the USA on the most pressing world issues, end Americe is flading fi increasing-ly herder to lay down its terms to others end is therefore obfi-

gad to whistle in the dark.
Such was the case, to, of the current General Assembly session, whose general discussion convincingly proved that Weshington's attorts to freefrel e businessible each area. businessike eachange of views by a harrage of anti-Soviet farmandos fell through, at most delegates unequivocelly rejected the US milliaristic policies.

freeze to the manufacture, stockpilling and deployment of nuclear weapons, condemning the plans to station nuclear missiles in several Wost Europeen nations, and esposing America's eupantionist policieu in verious parts of the globa, eliectively voicing an opposition by nearly two-thirds of the UN members to Woshington's imperial embi-This is exectly why the Roamaans fels or loui, senging from linancief blackmail to victous damegogery, to bring more pressure to beer on the UN end turn it back to the "cold war"

limas whon the organization was irresponsibly used by the USA to whip up anti-Sovietism and a well-adjusted "voting" machine" was reedy to rubbas machine" was reedy to subbarstamp virtually eny pro-Americen rasofution. It seems there
are paople now in Washington
wishing to turn back the clock.
Seeking to divert at eny price
the attention of the world community from a kusinessitie discussion of urgent international
problems, the Reagan administration is out to sow distrust
and haired among nations using
for this the UN rostrum, contrary to the Charles and the verideas of this organization.

THE WORLD

France has turned Ched into a lessing range for its latest weeponry in combat conditions, the Bridsh "Daily Telegraph" raports, According to AP, the Preach in Chad ero used Apile asti-tank laser-guided missilco, 155 mm guns, 20 mm guoo used both against land and air jargots, and the latest armoured vehicles designed for combat to the

This Camera Press-TASS photo shows a Franch armoured vehicle in the strocts of Chad's espital N'Djamena.

Indira Gandhi: India is under pressure

DEMOCRATS CRITICAL OF REAGAN LINE

IAEA: Israel and South Africa under fire

which prefer to pursue policies

Indira Gandhi voiced har

grave concern ovar the schemes operated by the lorces of domestic end loreign reaction, against ladia's independence.

The country is lacing o military

threat emanating from other states, she corphasized, Certain

force want to split India on

the grounds of castas, raligion, or babitotion. The prime miola-

ter called upon the nation to

consolidate the national unity

end to rebuil the achamings of

adoption of such a perilous sys-tem would totally destabilize the world diuation. Sension A. Cranston noted that the dep-

A. Cranston noted that the deployment of each now nuclear weapons system produced another twist in the arms recebringing humanktod closer to the brink of the ouclear ennilitetion chasm. He dismissed os lacking substence the While House's essertions that the deployment of American mediumrange missiles in Europe was indepensable for NATO's "security". From the military standpoloi these missiles just have nothing to do in Western Europe since the USA already has enough nuclear weapons there, he siressed, Senator Hari claimed the US nuclear arsensia did not beve any "outdated"

did not bove any "outdated"

well au measures to strengthen the regime of non-prollieretion of nuclear weapons based on the Treaty on the Non-Prollieretion of Nuclear Weapons.

The session passed o resolu-tion condemniag Israel end its eltack on a nuclear reactor in iraq as well as the racisl se-

gime in South Africa for its re-

fusal lo place ell its auclear in-

elaliations under thu agency's

of their own.

Airtean desert and savaoneh areas.

Delhi, Prime Minister Indira

Gandhi ol India has condemned

the tactice precised by West-

ern countrice which are hring-ing pressure to bear on india seeking to alter its loraign po-

licy, india is strongly pressed from the ontside, she said, addressing the All-indian insu-

ranco Association. Our ideolo-

gy and non-alignment policy are continuously talked at.

They deliberately create vart-

ons obstacles, we apecifically,

olten fail to receive financial

old. Other non oligned coun-

tries are also being pressed, in-cluding the industrialized ones

Vionne. The Hofburg Palace here was recently the venue for the 27th session of the Gen-oral Conference of the interna-

oral Conference of the International Atomic Energy Agency
ellended by nearly a bundred
member-nationa, including the
Soviet Union and the Ukrainian
and Byelorussian Soviet Sociallei republics.

The delegates considered several important issues of lur-

ther cooperation in the peace-

ful uses of nuclear energy as

Science and technology

A COMPUTER WHICH

COLOURS BLACK

## International tribunal to discuss against children

Luande. Angola is actively preparing for the internetional tribunal, "Children Accuse inperiolism", which is to be held botween Novomber 28 and Decomher 1. It was announced by ilio Agostinho Neto Nalignal Young Pionears Organization. During the eession, the Iribunal, which is to be atlended by fifty delegations, will be presented with material which reveals crimes committed by imperial-

isis, racisia, and zionisis. This forum le of esceptionally great importance for the expoeuro of the aggressive policies pursued by international imperialism, said in a TASS interview Albino Savojemba, chief of the international department of the Pioneors Organization. Inperialisis have caused much we and sullering to the children in Victnam, Lebanon, and many other Asion, Airican and Latin American countries, he said. Thesa crimes will osither be lorgotten nor forgiven,

TNICARAGUA

140-83.

Drawing by Yurt Ivanov

and government industries, hes said that Meuico would not com-

Mexican newspopera have

repealedly noted that Woehing-

ton usee the Mexican oil to rep-

leniah lis strategie stocks, end in

the meantino il usca the oil to

provoke o lowering of the oil

Meulco's oll sales policies aro

determined by intereste of no-

tionel independence, he stressed.

Thei is why oil emplies to the

United States will not be in-

crossed. The deputy minleter

pointed that his country's policy

la to promote stability in the in-

iernoilonal oil morket end that

its exports will be maintelned

at its present level of 1.5 million

prices on the world market.

ply with request.

and EVENTS

O The United Committee o Struggio for Peace and Disamament hos sharply condemned the dispersal by Italian police of the demonstrators who pro-tosted egainst the construction ol a hase for new America medium-rengo missiles oses Comiso in Sicily.

O Unemployment is the male sociel problem which is wonying the itelians. This eppears from the results of a public opinion poll published by the magazine, "Il Mondo". Nacily 60 per cent of the people polled are concerned over the rapid slso in the number of "radusdencies", with the unemployed now slanding at 2,258 thousand people.

O More then 500 older! Sti-tons died fast winter from cold. They are victims of unpopulat sociel policies edopled by the Conservative government.

O According to the estimates produced by the French trade unions, the srmy of unedployed in the country which is today two million strong will uhorily be joined by hundreds of thousands mora [oblass.

## Upper Volta: attempts to destabilize the regime

Colonou, international inporialism is stepping up its si-forts to destabiliza the situation in the Upper Volia, said Thomas Sankare, Chairman of the Ne-tional Revolution Council, when oddressing a mass meeting in the town of Fada-N Gourns, As head of state, he le jouring the provinces to explain the tasks of the Vollese revolution to the

broad masses. Thomas Sankara has called on the people and on the members of the committees to defend the revolution to he extreme by imperialist agents and reactionaries to divert upper Volta from the road of tevelstionary development. Using their agents, the imperialist local seconomic. agents, the imperialist for carrying out acts of economic carrying out acts of economic sabotage, and creating stortage and of some consumer goods and lood. Weapons and specially trained terrorists baves best upper legally smuggled into tipe to engineer attempts on the lives of the country's leaters the added.

MH INFORMATION HE WITH

HIL BY WORLD EDERATION OF here the working people due unions in Europe and

will would are strongly if the plens of the an administration to boost tems race and place eruise d feshing 2 missiles in Euwest the NATO plans in Western Europe but in w nest, too, siresses o sie-mi by the World Federa-nd Trade Unions.

is federation deniends that apvenments of West Garmand other NATO couna five serious consideration the mass protesta against the ides of this aggrossive bloc of the plans to escalate have see and abolish their bids to deploy in their

intege missiles.
Its lederation acclaims the missi Soviet proposals for 3 Stb UN Genorel Assembly with The Soviet initiatives thering nuclear weaponry. cardation of the first uso of Zer aims and other concre-I busines to reach disaringthe statement stresses, utily in line with the dera of the federation and in inde union organizations.

FACTS and EVENTS

Now York. All the Democra-The army is chiefly respontic hopefuls for the presidency have issued strong criticism of is for the mass crimes com-The spaint people in Guele-it his is the conclusion of look by the inter-American saidion on human rights shied in the headquarters the Organisation of American that it stresses that the Guatethe Reagan administration's po-licy of the intestrated boost-ing of nuclear araonalu and lavoured urgent oreasures to half the erme rece. Former Vice-President
W. Mondalo, Sensiors J. Glenn,
A. Crauston, G. Hart, B. Hollings, lumier Senator and 1972
official Democratic presidential the nilliery deal in a partithe nilliery deal in a partithe victous way with the
the passants, orasing entire
the tom the face of the
the al the tuest suspiction of
the appetities for the pairiols.
The passants of the pairiols of the passants of the cendidate G. McGovern, as well former Floride Governor Askew were sharply critical of the administration's decision to start minutincture of the MX interconfluented ballistic rockal of a press conference at Harvord University in Bosion, Masthe first particular of the second particular w. Mondalo elrossed lhis de-cision was laully since an

Sween in Frenkfurt.
QA group of White South
Skeet in Johanneshurg has set
It benocretic Action Comtist, which levours o repeut
the distrimination lews pessed
in the ricist rogime in Sauth
file, and opposes the draft
in tentification devised by the
Best as has been declared by the, as has been declared by hediesen, is to sock eliminuted in shemelul apartheid that and genuine equelity for the South African chizans.

WACS PLANES TURKEY

Aiwacs planes lo be based litter have now arrived at littish Air Force circleid al

its planes have olready little training flights over little and will toler corry out to provide the planes of the provide the planes of the plan prvelliance of neighbouring while in close coordination is he US Marine command in and the US Sixih Fieel Mediterranean. Mical sociyals believe these lights eggravale the tenwen more in the Middle hay note involved in imple-

AND WHITE FILMS Contemporary film viewers, used as they are to the wild play of colours on the cinema screen, often complem that old hlack-and white pictures, even those made by fop cameramen are plain depressing. Canadian engineers have solved this frustration by developing a "colorization" technique. Bestcelly it operates his way; the video operates his way; the video operator produces the first still in each film scene on the compular screen and gives the colour of every object in it a digital index corresponding to any of

thousands of shades end hues fed into the computer memory. Thereafter the computer auto-malically "paints" the scene lo the and on video tape, thus giving the masterpleces of the past a new lease on life.

Hungarian engineers have come up with a new technique for draining subsoil water and cleaping canals of all Basically, three to four horizontal drains 15 to 20 metres deep are dug using blasts in swampy terrain to drain the water tway. Explosions are also used to clean canets of underwater plants slong with the silt. des corresponding to any of

THE HOUSE WHERE

KRASNAYA ZVEZDA carries an orlicis by S. Gorehkov, Commandor-in-Chief of the Soviet Navy, Deputy Minister of Delence of the USSR and Admirol of the Navy of the Soviet

Union, Among other ibings, he says: Today, the regulor American Novy has 14 strike nirorali carriers. Over the recent years, the United States has built, one allor onother, eight world's higgest carriers with o dis-placement of 60-100 thousand tonnes. On the whole, the American aircmit carriers cerve as hoses for more than 520 oircrait carrying nuclear weapons copobis of hitting torgets in the Soviet Union.

FROM the SOVIET PRESS

AMERICAN AIRCRAFT CARRIERS ARE TOOLS

FOR EXPANSION

The Peniagon leaders inlend to cantinue their regular elforte to huild up the obscroit corrying forces, which would
ensure the ochevement by the United States of an advontageous olignment of forces in the suitable places in the
world. According to the plane dayised by the American command, the obscript carriers, which are, in fact, mobile nix hoses, must be involved more in the solution of the lask tra-

hases, must be involved more in the solution of the task traditional for the American Navy, which consists in the support for the ioreign political actions of the American aupansionist forces in different ports of the world.

The Soviet Union and the other sacialist countries are opposed to the militarization of the seas and occans. The Soviet Union has repeatedly suprossed its readiness to agree with the United States on a mutual limitation of octions by the navies, on the limitation and reductions of the naval armaments, and on the apreading of the contidence-building measures to the seas and occans. However, the United Stoles and its portners in NATO have not obundanced their hegamaand its portners in NATO have not abandoned their hegamanistic ideas or oliampis to diarapt the military and sisolegio holance between sociolism and imperiolism.

SUPPORT OF PALESTINIAN CAUSE

An important provision of the Ganevo decimination was thu decision on convocction of an international peace conference on the Aliddle Sast with o view of atinining comprehensive, foir and durable astilement of the Arab-Isracit conffict, its moin clement to be formation of an independent Palestinion state, writes in PRAVDA Viadimir Vinogradov, Foreign Minister of the Eussian Federotion. Ito comments on the results ister of the Eussian Federation. Its commants on the results of the work of the recent Genevo international conference on the question of Palastina and problems of the Middle East settlement. This canforence should be held under the UN cuspicies with the porticipation on a part of all parties to the Arch-Israeli conflict, including the Palestine Liberation Organization, and also the USSR, the United States and other states concerned. other stutes concerned.

It should be specially noted, the minister stresses, that the Geneva declaration on Palestine and the programme of oction despite the broad political spectrum of states oftending the conforence, were adopted unanimously.

TASS news analyst Vosily Khorkov writes:
The so-called constitutional reforms in the Ropublic of
South Airica which are broadly advortised by the Protoria agoinst roctum. The formation of a three-chamber parliament, envisaged by the new constitution of the Republic of South Africa, in octual loct fully preserves power in the hands of the white minority, depriving as before the African majority, which accounts for almost 75 per cent of South Africa's population of almostary philipping of almostary philipping.

CUBA'S ECONOMIC STRENGTH CUBA'S ECONOMIC STRENGTH

For twenty-live years all US propaganda media have been irrying to prove that socialist Cuba is heading for ruin. However, one needs only to open the reference book "The However, one needs only to open the reference book "The However, one needs only to open the reference book the newspaper points out, rewrites. The rulerence book, the newspaper points out, rewrites. The rulerence book, the newspaper points out, rewrites. The rulerence book, the newspaper points out, rewrites. The unineling advance of the Cuban economy after itects the continuing advance of the Cuban economy after ited the triumph of revolution. Thus, the volume of gross industrial output in 1981 grew by 12 per cent as compared with trial output in 1981 grew by 12 per cent as compared with the previous year. The manufacture of fabricu went up by the previous year. The manufacture of fabricu went up by the per cent, clothus by 11 per cent, and footwear by 24 per cent. The average monthly pay of industrial and olifice workers. The average monthly pay of industrial and olifice workers. The average monthly pay of industrial and olifice workers. The average monthly pay of industrial and olifice workers. The average monthly pay of industrial and olifice workers. The average monthly pay of industrial and olifice workers of the service only sugar, tobacco and rum whereas olution Cuba euported only sugar, tobacco and rum whereas only the list of the export commodities includes more than ending the commodities includes more than ending the commodities included items.

POLISHING APARTHEID

south Airica which are broadly advortised by the Protorial regime and its Western supporters, is a pilitul political force. These "reforms" are an ottompt to "liberally politic" the operitheid system, reging in the country, and to undermine the cohesion of the dark-skinned population in their utruggius against recism. The formation of a three-chamber parliament, and the period by the period of the Penithic of South

which accounts for almost 75 per cent of South Africa'u population, of elumonisty civil rights.

Thus, in the new constitution itself and in the whole portisemoniory structure, if one may call it so, the aporthed system is actually cansolidated.

Archeeologists in the Domini-can Republic have discovered the foundations, floors and walls of a house in which legendary Christopher Columbus once lived, according to historical and original sources. The find was made in the ruins of feabels, the first city founded by the out-standing navigator in the Wastern Hemisphere.

m. They have discovered remnants of ifth-century walls at mail depths near the ancient castle of Wewel. The walls were built out of stone, wood and earth. In its time, this was rather a powerful fortification which had wells ten melres thick et the base and six metres high,

FOR WELDERS

Weldors often have the need to remove their head screen to ap major discovery which in fluidary adjusts the trace of the protective glass the anglest Polish capital Kra in proportion to the brightness kow, has been made by special of the arc. 3.534

111

9-46

ANCIENT RECIPES FOR KOUMISS, A DRINK MADE FROM MARE'S MILK, CAN BE USED AGAIN TODAY, This hes been proved by Kirghizian specialists. Heving berrowed from works on ethnography and from folk legends recipes made a Ihousend years ege, they edded new medicine qualities and the fisceur to the drink. The producflon of koumiss in the Kirghizian republic has been stoedtly growing.

THE TENTH POWER BLOCK HAS NOW BEEN COMMIS-SIONED AT THE CHEBOKSARY HYDROELECTRIC PROJECT ON THE VOLGA. WHI Ihe commisslening of all the eighteen blacks the power railing of the project, which is the last slage of the Volge hydroelectric ces-cede, will stand at 1.4 millien hillowatis.

## New nuclear giant

A nuclear reactor has been physically hunched in Lithua Ma. it is part of the ignalina ouclear power project there, it consiliutes a laadmark on the road to the commission of the first power block scheduled lor

December. World nuclear power angineering has not known anything as powerful se this project—its reted power is 1,500 MW.
Five bundled factories have been supplying the Ignalina project with equipment and materiels for its construction.

FROM the SOVIET PRESS

COAL: PROBLEMS AND PROSPECTS

In this country, coal mining is one of the most lobour intensive branches of the notional economy, Priority in

the development of mines is given to those collisites

where less manpower is required, writes Academician Mikhail Styrtkovich in the newspaper PRAVDA. Whereas in 1980, in the Donetsk coal field in the Buro-

pean part of the Soviet Union the average monthly

output per worker was 35 ionnes of coal, in the Kuz-netak field in Siberia, this ligure was 91 ionnes. If we consider the higher calorillo value of the Kuznetak coal, wa shall see that the lobour productivity

per unit of energy consumed in Kusbass le lour times that in Doneisk. In Donbass & is passible to maintoin

the extraction at a level which has been echieved, only by colossal effort and spending. The Siberions have

outle dilieront possibilities. In the luture, their productivity will be eight to ion limes that of the level mainteined in Donbass. Whot is the basis for such lore-

Each third tonne of cost in Kuzbass is mined in

increase in extraction is to be obtained through

epencasi pila whoro productivity per person is three-times os high os in underground mines. The bulk of

The occelerated development of open pits.
In underground mines, on the other hand, the miners

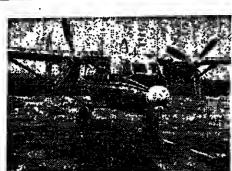
end the scientists sel great hopes on the use of the hydraulia method for extracting coal.

Fool industrial development has reached the North and Indeed, has become its most characteristic feature.

end Indeed, has become its most characteristic feature. Our country's economy greatly hencitis from the metal coming from Norlisk, the diamonds of Yakutia, gold of Chukchi Peninsulo, the lemous peliciteum from Tyumen and gos from Urengol, Yuri Rylkheu, the lomous Chukchi writer, contends in IZVESTIA. New lechnology marching, northwards has provided an odvanced bools for the development of Iraditional incident accupations such as reindeer breeding and his that say havily a

for the development of traditional mattheth occupa-ilons such os reindest breeding and fur and sea hunding. Already being foll are such loolors as nature profec-lion, belier management of reindest positives and rivess and lakes with their lish slocks and matthe

LIFESTYLES IN THE EXTREME NORTH



# LOOKING INTO

It is hard to imagine an airport in this country not having a slogle AN place. The AN planes are responsible for 65 per ceot of the national air traffic and for half the cargo conveyed by Aeroflot. The biplene AN-2 has served for over 30 years. More than 300 million passengers have been flown by the AN-24 place. The famous Asial, or AN-22, has aet many cargo lifling world records. New planes of the Anlonov lamily are coatloually taking off into the air, The AN-2 will soon be

The new transport AN-32 place la 25 par cent more economical than its predecassor AN-26, and laster at that. The oew models testily to the vigor ol the design bureau headed by ia general designar Acadamician Oleg Antopov.

replaced by the AN-3 turbo,

Today Aatonov is thinking about the streraft technology of tomorrow. It will be dominated by loog-reage liners. Yal smaller machines for local lines will find as many uses. They will leature Testing a plane (Oleg Antonov leit).

stringent take-olf and laading requirements. For emergency carriage of experts to various parts of the country people will

greater role in our lito. this tomorrow since it is proaented by a man who has 60 use "miniexpress" planes - years of aircraft building hehind supersonic jets seating 10 and him. A man who always looks 20 passangers. So, aircraft tech- tato the luture.



## 6,000 m underground

the renowned writer.

end kindness.

CHILDREN AND THE ARTS

Motherland, and to the traditi

drilling a very deep well in Central Asia, la the Central Kyzyikum desert aear the Mu-runtau settlement in Uzbekistan has begun. The well of some six

so far in this region.

The work will provide enswers to many questions, as geochemical engineers, physicials and hydrogeologists will scrupulously

ioung, or in short, those things which used to provide

man in the north from time immemorial, Naturo reedily

responds to mon's protection and core - even places

Ol course, these measures plus housing construction, plus the development of an easily tronsportable tent to reindest breeders, plus TV and radio broadcosting

in local languages odd up to a considerable cost for the country. However, the country readily pays this maney, as 26 notionalities live in this area, concludes the country readily pays the country readily pays the country readily pays this maney, as 26 notionalities live in this area, concludes

I love children. My sim is to instit in their hearts that real ort which educates and which forms morel and social qualities and convictions, builds up cherocier and gives them ideals, writes chief director Notaliya and the Children's Musical Thanks in Manager.

Sale of the Children's Musical Theatre in Moscow in

the newspaper TRUD. Music gives children education in standards and values, such as loyally to their fathers.

courags, internationalism, public-spiritedness, honesty

Our children ore not olwoys brought up to o destr-

oble level, the music they listen to is not olwoys what

it should be, ond their tostes leave much to be destred. To some of our children, the lope tecorder has become

o porioble cultural cantre which serves them as the

operionie cultural cantre which serves inem es ine opero or the concert holl might. Do these children ever laien to Tchulkovsky, Bach or Shostekovich on their lape recorders? In the old days, perents scroped up money to buy their child o plono, of on occordion, but have their bottom of the property statistics on

money to buy their child o plone, of on occordion, but now these instruments have such poor substitutes as cosselle topes oud translator, rodios. I have no thing against portable sources, no music as such, says the outhor. Yet, you will ogree that this must not exhaust the musical education of our children.

The main principle of our theatre, is to promote truth in the orts. This truth does not be on the surface, it must be sought with pointabling parabolasance and

iruth in the orts. This truth does not lie on the surface, it must be sought with pointaking perseverance and cleaned from everything that is olden, harmful or occidental. Together with our theatre's audiences we shall set oil on a journey across the pountry and all over the globe, travelling in time and space, so that our children can see with lifetr own syst how because

once descried by wolfuses are now densely populoted by this valuable enimal.

study specimens of rock front each of the alx thousand metres. They will also obtain date on the temperatures and charocicristics of gravitation, the magnetic properties of the rock, ele., to enable lumber geological and geophysical prospecting in this erea which is rich in minoral

nikov, President of the International Permatrost Arecelotion, in the newspoper SOVIETSKAYA ROSSIYA

Today, scientists have solved the many mysicist which used to envelop the "ico aphinx" and have

found reasons for the mony irregularities occurring in

the Irozen solls and have learnt to predict and even

to control some of from.

However, for from nil the problems have been the scope of

solved, which is understandable given the scope of

the took involved. Permainsi orea covers o quarter of

the carih's dry lond. In the Soviet Union, permated

zone, there ore hige mineral resources which have In Siberio, most of which lies in the

lorgely remoined uniopped. They will all - including

oll, cool, gos, limber and mineral resources - be the

to use by the economy. Therefore, every passing year, adds to the importance of the analy of permitted which today, con he linely simulated and

which lodgy con be linely simulated occurately predicted. Without a comprehensive and

prolound exploration of permatroal it is impossible in

of the USSR Academy of Sciences.
Using permatrost edveninges and considily man Using permatrost edveninges and considily maken

toring its stole, it is possible to gonize much like toring its stole, it is possible to gonize much like build towns and roads and to develop agriculture for instance. Here is only one example. Having studied he instance, there is only one example. Having studied he instance, there is only one example. Having studied in the region of the Build and permutation with the complete in the instance of the instance o

scientists have compiled the lirar eyer periodical step of the BAM sone which includes the construction step of railway about

of rathway elations and major engineering structural.

The use of these scientific findings has saved much

In this country, permutrost research is coo by the Scientillo Council on the Griology of the Eath

note complete use of the notural resources of the

occounts for half of the territory.

## A grant stiticial island age turing built at Nizhnevadovi. Vestern Sheria, will iom by base of a power sellor. On the banks of the Vath s

on an island

Station

HOME NEWS

Mukirtoo desigaed a mooumeet to Tchalkovsky which was

placed is troot of the Conserva-

The greatte base of the moau-

ment etsado la the ceatre of n

semicircle grate, with the com-

poser's initials bolog part of its ornamentation, Also as o deco-

ralloo, you cae see to the grate the years of Tchalkovsky's life, "t040" and "1893", and aix mu-

sical phrases from his creationer

Leosky's eria from "Eugone Oaegia", the theme of awans

from his "Swaa Lake", the

theme from the Sixth Sympho-oy and from—Quartet No. 1,

Architecturally the house of electrician V. Bendra, who lives in the Moldavian township of

Glodyany, looks attractive to bis

neighbours end, so it would

saem, to the swallows as well.

Filty pairs of swallows bave

chosen bis roof to make their

neste there. The local folk like

An old process of applying hot onemel on glace, which was widely used in the 18th century by Russian craitemen to embellish glassware was, up until re-

7. 3.

Places to visit

The Ichaikovsky Coosorvetol-

als the corve ceatre of musi-d life in the Soviot capitat. It

whis recitate by Saviet end

beign performers to the lovers

symphosy and chamber mu-

The building of the Conserva-

bire was erected in 100t by echiect V. Zagorsky. The Gazal Hall agata 2,000 and its sage is provided with a tre-

maious organ. The medalitous is he hell walla feature Rus-

a and toreign gleots of mu-

The Small Hall again 450 as

b mostly tolanded tor cham-

**Wunds** of silence

A group of researchers at the

music concerls.

teins tributary of the Oh Nive, where the station will be built thero is practically needen able for construction, and united waters continually flood the orea los miles. This is why if was deemed occessary to create in vast expanse of dry lead A litg section-lube dredger war gi in place and a pulp leeding laid, which beined sense scores of thousands of chic metres of sand from the five bottom. The assembly of a stoout dredger of this type it as-

The plans call for a deposit of a total of over 40,000,000 cubic metras of earth. A residental area for the building and maintenance crews will also be con-

der way.

Tira statioa will serve a new group of deposits and the intensively devaloping West Siberian oil and gas complex.

## Woods in the next century

Extensive wooded sress will he tound next century in places where peatbogs and swamps as

now being reclaimed in the Estonian Republic on the Billic, keeping in mind the prolection of the natural balance. The levelling-off of the ground and the laying of drainage by equalty arduous effort in selecting the cost promising lies

Employer Civil Engineerspecies, with pine being the predominating choice. Sevent ways for neutralizing and lefttaster plan for reducing noise chi in the city. To begio with, the city euthlizing the swamps were developed. As experience proved this could raise the productivity cles slapped strict regulations the use of motorboats, which there ere mearly 50,000 of overy hectaro by an average Mivale use: it is now a reof tive cubic metres of wool. Timber production in the re-It speeding on the Unioper reging should set out before the and return only by night-Bath barriers will be hull public te on the up but without any harm done to nature as

newly planted foresis lwice et. cerd the number of those felled main thoroughlares to lesthe traffic noise, and nowly ided trees will serve the eamo lapose-and will help absorb ful this world is und how much should be done to diy's dust as an added

#### maintoin peace of all times, so that oil children can be assured of a imppy childhood in a peaceful world. THE STUDY OF PERMAPROST Permotroal has been described as the mysterious "Ice aphinx" for n very good reason, it is permeted that has been the cause of certain effects which one seemed inexplicable, writes Academicion Pavel Helpikov Brasilian P MMEMORATED

a exhibition in the Alexel Charter House-Museum to Ki-they, capital of Moldavia, is to coincide with the he andversery of the outanniversary of the out-facing Soviet srchitect who tet his childhood and teens i his city. Among his more brighting designs are the less Mausoleum, the Moskva his moscow, and the Ne-likelian Moscow, and Reliet Bolshol Opera and heire in Tashkent, capital of

he also led the Kishinev bullecie in lormulating a Mas-k han lor the cliy'e recon-laction.

WSHROOMS ON DISPLAY

here than three buodred types and varieties of

throws are on display at the exhibition, 'The the Forest' which is now on at the Timi-, 'Museum of Biology. This exhibition can be regarded as an art exhibition as it shows the shows the

Manayev has made by the live designer Anatoly Manayev Alter: twenty and of gathering mushrooms, Manayev has made

to los like the bona lide fungi.

dist of the three hundred types of mushrooms of the exhibition are edible. There are specifical states to show the visitors which of the mush-

as are edible, and which are poisonous

## contly, undeservedly lorgotten and replaced by Rostov enamel. The secrete of the old process MASTERPIECES SHED LIGHT ON MYSTERY

,,,) i,

, ji

OLD TECHNOLOGY REVIVED

The plaque saying "The euth-or is unknown" bas been re-moved from a sculpted bust at the Turkmen Flae Arts Museum. The inscription now reads:
Jeao-Baptiste Carpeaux, "A
Dance Geolus".

The works of the French

sculptor, painter and graphic artist of the 19th century are rare in this country. The solving of the mystery of the sculpture, which together with other was donated in 1927 by the Leningrad museum lund, was belpaloog by restoration work prior to the renewal of the museum display, It was then that

the inscription was revealed on the inner side of the marble pe-destal. The catalogue of the author's signatures proved that was the way Carpeaux counter-signed his works.

the Concerto for Vtolia and Or-

chestra and from the comance

them. The birds have been

looked alter by Bendia's chil-

Now that the birds are form-

ing flocks to south, the whole tentily is bidding them in events.

Till we meet in spring they say, don't worry, wa'll keep

have been mastered by a young

jeweiter, Boria Nikitin, who is member of the USSR Artista Union. The use of various col-ours of enamel to embelitab

glassware has become possible thanks to his very thorough study of local survivals.

COME BACK, SWALLOWS!

signed his works.

The bronze bust depicting a dancer seems to conjure up an image of actual movement in the image of actual most of the master's morks helped determine that this sculpture repeated a detail from the bigh-ralief "A Dance" does not be been a detail from the bigh-ralief "A bance" of t 1864-1889 for the the Grand Opera in Paris.

Over a thousand originals of works by the masters of Dutch,

Italian and other schools are kept at the museum.

#### Science and technology

#### WATER SAVES FUEL

The Mingachaur Reservoir, in Azerbaijan, with its cool spring water delights all the numerous holiday-makers who visit it. However it has tound another use - its water, supplied via a 60-matre loog tunnel, is used to cool the turbines of the local steam power statios.

the station from various reservoirs considerably warmed up by the southern sun. However, the afficiency of turbinea depands on bow quickly they are cooled.

So the ice-cold water of the Mingachaus Reservoir works better than any industrial cooler. The use of this water reducas the consumption of tuel per kilowatt-hour by one-lourth of a gramm. This is not a trifle as the station generates ovci 10 million kilowati-bours daily.

The water again returns to the reservoir after having been puritied in special installations.

## FOR FUTURE

The seeds from gient fraca, which totasters call "plus seeds" ware oblained for the first time in Karelis (an Autonomous Rcpublic in the Russian Federation) from young tirs, pines and co-dars grown from cuttings.

Treas will "plus sign" are tailer and broader in circumierance than others. A total of 1,601 such glants ware found in Karella. Tha exact number number and a passport.

In planting a future lorest in fallad areas, Northernars are oltempting to utilize the planting stock of a high class of trae. For this the lorasters procure the cuttings of "plus" trees. Thatr work of many years was crowned with success: the posterity of the select trees began to ear Irult.

The first 175 bectares of gratting plantations of valuable wood apecies were plented in the torests of the republic. For the first time this year the grafting of cuttings from the "plus" trees of the lamous Kareliaa birch were made on a

trimatore are no bigger strimator, which is no bigger than a cote pad, is very simple to use. After inserting a card containing five questions, and pressing a button, one will impressing a button, one will impress the button of th nediately know it enswers are

The examiner is a splendid aid for motorists and schoolchildren.

Previously water arrived at

shows the great value of these lorest glants. Each of theor hos

#### ELECTRONIC DUESTIONER

The manufacture of "automatic examiasrs" for checking on studeots knowledge of traffic rules has begun in a factory specializing to electronic instru-ments in the city of Naichik in the Northero Caucasus.

This ministure electronic incorrect.

## Text and photos by Georgi STRELNIKOV

## VIEWPOINT

## Siberian oil: A MILLION TONNES A DAY

Stanislav MALTSEV

lo 1983, it is pleaned to ex-tract from Western Stherin 372 militon tonoes of oil including gas coodeosole, or more than o militoo toones oo everoge n day. Let me remind you that the first million tooces of oti in Siberia was extracted in

The discovery of oil in St barte early in the 60s was un-antmously described as "the acosation of the caolury", by the world press, tiewever notes of caution sounded to ountorous articleo and commer tartes which oald that the Rus etons would be unable to ster the extraction of oil because tiny would be bogged down to Siberten marstres. Even tim most objective commentators wrote that because of the harab netural conditions it would take decadea before oil lielda in Tyumeo started to produce oil.

Later, the "foracasters" trom the production of oil in Siberta would dimiolah eorly the 00s and preintained that without Western technology the Soviet Uoton would be unahte to prniluco oll to the re quired mounts and would therefore have to turn from betng en exporter toto ao impor-

Today, Western Stherin to tiria country'a largest oil ex-tracting region. This took only t8 years to echlave. Under the pleo for 1983, it will produce 80 per cent of Soviet oil ead

Today, Siborie bas many new towns — Nizhoevertovsk, Surgat, Nelleyugansk, Ural, Noyabrsk, and dozens of workers' settlemeats. A rottwny liae oearly a thousand kitometres tong bas been built atong the area of the otl fields from Tyumea, e city oa the Trans-St bertee rallway. This new time at retches across the taign nad the mershes. Mejor river and airports have been built in oit these towns. Over the past two years, pinaes end belicopters detivered more than 1.5 militon lonces of urganity needed car-goes. Huadreds of concrete bigbwnys rettobly lick ett ibo projects in ibe oli lields.

The problem of providing energy to the oil fields and the new towns bas been solved by the construction of n 3,000 MW power station in Surgul with casing-head gas serving as the fuel. Another solution has been the building of powerful transmission lines from the Urals.

in the 11th live-year plan period which is to end in 1985, 26 thousand million roubles in to be additionally levented in the development of the oil in-dustry to Tyumen. This will make it possible to develop cearly 36 new oil fields.

In Sargut, seether power stalion is being built to produce
five million kile watta of electricity, two more stations are auder construction to Nitchnevettoysk and Novy Urangot, and
additional transmission lines are
being erected. Specialists believe that all this will mean
the extraction of 500 million
tonnes a year of oil and gencondensate in the Tyumen Regior by the year 1900.

#### MORMATION NO 1983 MH INFORMATION NO MA

## FILMS **TODAY**

film makers has just ended in ed on ways to develop the na-tional film industry and the role of titms in promoting peace.

The conference, arranged by tilm. TV and radio workers and the Soviet Central Committee o ths cultural workers' trade unian, also considered film makars' working conditions and employment problema.

Taking parl were film makers from 35 counisies and members of international organizations. The torcign guceta vielted the Mosfilm and the Gorky Children's end Youth film studios end onet Moscow artistes and trade union activiste.

## SOVIET AND AMERICAN FIRMS FOR GREATER EXCHANGE IN BOOKS

in Moscow, the first round of negoliations has andad between the Detskaya Lilerature Publishers of Moscow and the American book sailing firm of the Book People. Their talks started during the 4th International Book Fair in Moscow,

Book People rapresent the inferests of more than 260 small-scale publishers, mostly on the West coast and in Callfornia, promoting their products un the book market. Their clients wish to publish Soviel books for children - to make their own contribution lo darstanding belwaem our iwo nallons. A Book People's repre-sentitive said in Moscow that the Americae children have little information about the life in the Soviet Union and very oftan the thiogs that they kaow do noi axactly correspood to reality.

Books for children is one of the bast weys to meet each nthar without comieg on a visit and to learn about and to undasatand one's peers acsoss the nceen.

Following the talks, only prospects for future coopera-

It has also been decided to start preparations of materials for a joint Soviel-America a publication of a book about a lelevision programme, "Moscow-Sen Diego", which was shown last summer - about that part nt the progremme which wee dedicated to films for children. Theatre, Cinema and TV Stars

## KOROLL MATVEYEV



PROKOFIEY CONCERT OPENS SEASON

conductor Dmitry Kitayenko

the orchestra pleyad the Cleasi-cal Symphony, the Second Vic-

lin Concarto, and other places by

the composer, Particularly warm

applause followed the perform-

soce of the cantele, Alexander

at an exhibition-sela of Soviet

racords in Solle. Frenkel is quita popular with Sulgarian audi-

Books, Brilain has published

the book "The Wisdom of Fency" by Sulkhan-Saba Orbella-

ni, clessical Georgian writer, re-markable writer of lables, phi-losopher, historian and states-man. The illustrotions are made

Monuments, A steel monu-ment resembling e glant sallor's knot hes been erected just out-side Tbillst, cepital of Georgia, to mark the 200th ennivorsary of the Treaty of Georgias

to mark the 200th annivorsary of the Treaty of Georglavsk, the lirst manilesto of friendship between the Russian and Georgian peoples. Architects Zureb Tseretell end poor Andral Voznesensky, who seled in his formar cepacity as an architect meant the

acity es en architect, meent the monument to symbolize the un-breekable union and iriendship

of the Irelamal peoples.

Melazoniva.

Georgian Soviet ertisi

The Symphony Orchestra of Austrian Redio and Television

has opened its new season with

a hig conceri programme of music by the Russiao Soviet

composer, Sergal Prokofley.

Playing al Musikverein, one of

Vienoa'a biggesi concert balle,

under the baton of the Sovia

FACTS

and EVENTS

Fastivols. 240 aspiring singers and musicians from 18 countries, including the Soviet Union, attended the 7th international interlelant-83 Pop Music Festivel in Prague. Popular Soviet singer Alie Pugachova performed among the many noted singers.

among the meny noted singars

Competitions, On October 16-

November 2 Tellinn will pay host

lo the ell-Union string quartals

competition nemad efter distin-guished Russian composer Soro-din Taking part in three con-tests will be quariets from ma-jor philhermonic societies and conservaloires in the jand, not-

ably from Mascow, Kley, Thilist, Yerevan, Vilnius, Rige, Novosi-birsk, Alma-Ale, and Saralov.

Awards. Distinguished Soviet composer Yan Frankel was awarded a Balkanion gold disc

as e quest,

When Kirlli Maiveyov's Iraining at the Vageaava Bailei School in La When Kirlil Matveyov's Iraining at the Vagesava Ballet School in Lasingrad was almost over, he tound himself in a quandary as to where he would dence. He didn't even dare to dream of the Kirov Company — for a classical deacer his proportions are far from heraic. The young dance wished to dasce with the Maly Opera and Boilet House, and instead received invitations from the Opera Studio at the Consaveloire which had a ballet group of its own, and from other cities on well. Finally change intermined that he joined the Leolograd Initial casemble headed by Both Cities on the was Metvayev's hig fortune; he met a characteristic with tities. diffmen. It was Metveyev's hig fortune: he met e charcegrapher with vision and pursuits similar to his own. Eliman, too, found him to be an excellent ealizer far his designa, heing dislinguished by extraordicary pissilidiy, in thort, he sew in Kirili a dascer through and through. Malvayev is 22 now, nod he is highly spoken of as a most indoresting deocer is the belief world. in hallat I value ertistic expression very highly, says Malveyay, without expression ti hecomes spart.

He made his dabut in "The Autographe" crested by himen, the first part of which was designed to fit the music of Vivaldi's Cancerio for Two Violina and Orchestra. It partrays far us the carolyst of life. Undisturbed oy and harmony is suddeely intruded upan by passionals actively. Mr. oyev dances in its third part, "Experience", to music by Albinos with lepicts the camplex relations between an artist sed the world be lives in in "The Med Day or..." composed by Elimso around the famous county by Besumarchals, "Le marlage du Figaro", the dancer briags in imprompto merry bullo. The role of the nice merry-maker Chéruhie was craise vith Matveyov is mind. Many delails were conjured by Kiril bimed. The young deecar end lie choraographer ere holb shie to expand the expressive areas in modern ballet. With Chérubin his plastic tantay h sexhaustible. There is a scene in the ballet where Cherubic, disquired a

hausemaid, inspiriogly dances in toe sheets

After the merry "Med Day" Melveyov unexpactedly chose to dance sliman's "The fdiel", elter Destoyovsky's lamens novel end to the mote of Tchaikovsky's Symphoey No. 6. Myshkin, as danced by Melveyev, is nol so much hestaged by iffnase; be is clear, radiant and light, i proceeded rom the belief that this character of Dostoyevsky was above the such aven spirilually charged, says Matveyov.

Kirili as yauog Hamlat, lo e new Elimen's praduction, "Pessions accord-

ing to Shakespeara", te psychologically very convincing and easily recogalzable — we sae n fragilo tigure, eaelly hurt and vulacrable which be performs periectly, in this rether controversial attempt at abouting the prehistory of the lamous Shakespeareso tragedy. Yelena YEROPEYEVA A scene from "The fdlot".

'RAYMONDA' AGAIN

Photo by Svetlona Shevelchinskay

Plisciskaye danced in the Bol

shol's 1945 production.
"Rnymonde" has also beet aloged in Kiev, Novosibirit. Ri-

ga, Toshkeni, Sverdlovsk, and

highly suitable for dander He

highly suitable for dented is justly regarded as the four-dor of the choreographic symptony alyle which has because widely apread to 20th-cestory European belief music.

Czechoslovakla.

## RUSINESS

## of our trade is with your country

i himb Quest Automation and the Moscow ta do-coul business with Saylet the scientific and tech-tur scientific and tech-tur organizations worth the total organizations. tatid of its lotal annuot

to Soviet newsmen to in tenth sonlversary of bir with Soviel organiza. in company director eath; to very beginning we a mi only for foreign

treda exchange full also for cooperative actentific technological and production links with Suviet collegues. We usu Soviet cantpulera tu ilerelop anliwara lor various fustimments such as low-lovel computers, digitizers, late and X-Y plotters. We olsn uso come types of Billish peripheral equipment. We have auhshilarica in Australia, Franch and West Germany, but the USSR is our biggest foreign pariner.

### nt Fildair: first steps on the Soviet market

frach firm Filclair and Malairy of Fruitliquible Industry nia in discuss the possibilih powing of vegetables in an of the commercial and of the firm, told an

The established the first a with Soviet organizahow years ago with the mustance of the French Missip A symposium an in using plastic film and of Soylet organiza-Cassian Harrel, the USSR a Cassilles for Science Persology, the USSR by of Fruit-ond-Vegelitisity and Fileletr contitad technical cooperain hee years. If provi-Typen and processes

minm expenditure of labour and means. the firm supplied the USSR with three hothouses for feal-

the farms situated in various

climatic zones of the USSR, as

well as reaping bumper har-

vests of regetables with mini-

ing on an area of 250 squara metres each. One hothausa hes olready been installed at the Mascow region's Martino stafa farm. The tirst harvests at cucumbers, amounting to mora than 4 kg per square metre, have already loven obtained there. Similar hothonses are helpg art up in Kharkov libe likrainel and Trraspol [Moldo-Our firm, sald Christian Har-

rel in conclusion, is looking for with-scale development of contacts with Soviet organizations, joint realization of protects connected with the construction of hothouses, supplies from Prame of necessary equipment and the sharing of know-flow,

## wiet licences abroad

Serotov. The ballef has also been interpreted by foreign chotten raphers in Britain, Australia and Time USSR, hes con-Linking agreements with Linking of Goldon's SpA bis schoology for the fost that of bishchool files the method of increasing think of working ontil Glazunov, who was an out-standing composer and cossuc-jor, wrota music which ras bapicultural and roadd machines, as well no Treser. In recent years. adapanies have bought a ad Inences for Soviet

Taleg regelables in hot-

a with plastic cover at

inventions. An agreement has boen signed for Technican in receive expertise and assistence in the production and maintenancu of gas recovery furblines.

The lim of VIC Italiane hea been sold a licence for the production of Stekloper, a parous udueral filler, and a press which is used in the praceesing of complex sulphida ores, increasing the efficiency of ox-

## for clinical cosmetology

Miss Dan of France, and spon ecred by the Austrian firm of OWEG G.m.b.H. in the Moscow Bosuty Institute they dis-cussed the problems involved in the use of instruments for micro- and plastic sur-gery, the use of modern methods for the specific come-tics; and the main fines in the

To be quite honest, when we arranged this symposium, we did not realize that cosmetology is such an important science. is not merely a matter of a temis not meraly a major of a human porary appearance of a human being, but it is a social problem. It reflects man's suprema requirement his desira to be a harmonious person. I think that interna-lional cooperation in this area is absolutely indispensable. That is

aymposium so seriously, said Walter Gass, head of OWEG's representation office la Moscow.

At this year's meeting, we represent a eaclor of the ac-called instrumental cosmetica, said Gerberi Wonisch, representative of the firm of Merholt. This in-cludes devices tor treatment and maintenance of the skin. These instruments act on the human body with all sorts of electric current, ionized vapours, aerial vibration, etc. I think that the most lateresting development is the one in the area of leterference current. We have invested a device which produces electric currants and positively influences the human body by auperimposing its currects on the biological currents of man. in this way, it produces a wholesome elfect on the organs which the organism itself fails to suf-Ociently regulate.

I hope that this meeting will serve as the heginalog tor truit-ful cooperation with Soviel

In Moscow the USSR State Technology and the West Germen firm al Klöckner-Huer-holdt-Deutz (KHD) heve held o symposium on the manufacture of diesel engines. The appointlats at the meeting discusses the membacing and mainlenance of air-cooled diesel engines al different power capa-cilles, and also methanol-ope-

Klöckner-Humbolilt-Deutz heve been actively cooperating with Soviet fore gn trade associe tians since the early 70a.

The lirm is taking part in the construction of a lactory which is to produce air-cooled diesel engines of up to 170 hp. The firm will deliver some of the equipment and also hend over the licence and know-how. In its turn, the firm itself bought from the Soviet Licensiniong licence for the KIVCET-process which to used in the processing ol complex sulphide ores.

#### Contacts and contracts

O The Illih session of the So viel-Australian commission o trade and economic cooperation was held in Moscow to review the present state and prospects for future trade, including mar-keting, more sales of Soviet machines and equipment and Soviel purchases of Austrellan products, elong with cooperation in fishing and commercial use of scientific and fechnological

 Machinoexport, USSR, has finalized a contract with the Wast Berlin lirm of Borsig over sales to that lirm of three. powarful craness two overhead 100-tonne trevelling cranes and one 25-lonne gantry crane.

O V/O Stankolmporf and the Finnish Volmal industrial encroration have signed an egree-ment in Moscow on long-term lechnical, production marcial enoperation.

Philately

This percent, sid size a shavarir sheet, stemp and envelope have been released to mark the intertellonal philatelic exhibition taking place at the tertellonal philatelic exhibition taking place at the exhibition complex at Krescaya Presmys in Moscow. Cailed "Sotishilas-83", this sanuel eshibition tantures postage stemps from 100 collections put to tures postage stemps from 100 collections put to gether in socialist complete. On display are 70 thought in socialist complete. On display are 70 thought gether in socialist complete. On display are 70 thought gether in socialist construction and socialist as well as more than ten from the world.

Special cancellation station have been designed for a commentarity septiminal have been designed postcards.

The "Sotiophilate of contribution affected by states collectors than several collection in the series of the world. Commental series that whom more its "philater for Peace and international Geoperation".

Al the Mescaw Pediatrics fastilula preparations leg high functional flexibility. The modules made hevs started for the reception of patients is the new operations theatre built and squipped by spe-cialists from the Huegerian firm at Medicor. The ta the phata; Saviet ead thougarian specialists ndjesting the aguipment. **ACTIVE LINKS** 

## **SEMINARS** AND SYMPOSIUMS

• In Moscow and Leningrad, the British firm of Ademico has held a seminar on the preservotion of books, sponsored by the USSR State Committee for Science and Technology, Altending the meeting, the spe-cialists discussed conservation and restoretion of books.

• Cable technology was the subject of a symposium held in Moscow by the Swedish firm of Habia Cable. Also taking part in the discussion were specialists from the Finnish firm of

nized by the USSR State Com-◆ The USSR Ministry al Electronic Industry, jointly with the Belgian firm of Hant

Nokia. The meating was orga-

Chemical, held a symposium in products in electronics. At their meeting, the specialists discussed the use of phote-resists end the production of srtificial resins, as wall as related electronie prinling processes.

## Modern methods and means

This is the lille of a symposium arranged by the firms of Marholt and Anne Marie Börlind, both of West Gormany, Waldemar Link of Austria, and spondecoralive cosmelics. They also mounted an exhibition of the rapeutic, hygienic and decora-

RACING Ilippodroma (22 Begnvaya St). (0, 21 - Racing and irotting. 6 p.m. (both days).

Moschw Krylya Sovielov va Kl-ev Sukol, 0.45 p.m.

Smell Sports Arene (Luzlen)

ki). 18 - Contral Army Club vs Mosenw Bjarlak, 6.45 p.m.

WEATHER October 18-21

17°C la expected, Laier

wind veering to W.

Europe.

cloudness will grow, rein is

possible and tempereinres will drop to 8°, 12°C. Moderata SW

. . .

The Meditorranean experiences e real summer weathers 26°, 28°C, suany, weak wind,

while temperatures of only 140, 18°C are registered in Contral

In Moscow, city and region, warm and dry weelbar of 140,

tao Stedium. 19 — UEFA Jarak (Moscow, USSR) its VIIIa (Birmingham, its VIIIa, ooe of the band is 1874.

Caniral Artists Cine 19/14
Krymskaya
Works by eight artists from
Molds

A poelic folk drams shoul the great Russian artis. Di-rector E. Klimov. Cinemes "Novalor" (1/2 Spartakovskaya Sql. Meiro Benn

skaya. Ha Gets Angry (France) A comedy starring h Leningradskoye Highway). Me.

Moldavia: genre scenss, por raits and landscapes. Delly, est cept Monday, 11 s.m. to 8 pm. Metro Park Kultury. Trollers, ses B. 10:

WHAT'S ON!

October 18-21

\_THEATRES\_

Another generation of ballet dancers will have the oppor-

tunity to display thair skills in Alexander Glazinov's "Raymon-da" as it seems the USSR Belshof

Theafro la onco again lo slage

This is the Bolchol's eighth

production of "Raymonda"

since it was slaged for the first lime in 1890 in St Petersbourg.

Since those doys, meny out-

alanding dencers have appeared

ln "Raymonita"-Tamara Kersa-

vina, Olga Sposiviseva, Galine

Ulonovo, end Natelya Dudin-

skeya to namo bill a low. Maya

this famous musical piece.

Kremlin Palece of Congresses (Kremlin), Bolshoi Theatre per-formances: 19 — Minkus, "Don Quixote" (ballet). 21 - Borodin, "Prince Igor" (npera).

Bolshel Theatre (Syerdlov 18 — Tchaikovsky, "Eugana Onegin". (opera). 19—One-act ballets: Chopin, "Chopinia-na"; Mozart and Salferi, "Mozart and Salleri"; "Divertissement". 20 - Mussorgsky, "Khovansbchina" (opera). 21 — Mol-chanov, "Macbetb" (ballef).

Bianislavaky and Nemirovich-Danchenko Musical Theatre (17 Pushkinskaya St). 18 — Rossini,
"The Barber of Saville" (opera).
20 — Balasanyan, "Shakunlala"
(ballat). 21 — Shchedrin, "Not Only Love" (opera).

Operatta Theatre (8 Pushkinakayo Stj. 18 — Lehar, "Tho Marry Widow". 20 — Kalman, "The Gypay Princess". 21 — Gadzhiyev, "A Crossroads".

\_ FILMS Andrel Rubley (Mosfilm Studios in 2 parts).

NCERT HALLS A Rail of the Consorva-

III Herisen Su. The Sili Cr Autuma Pestival of Marie 18, 20 — Symi-Joseph 21 — A coni central Stadium. Small hims (Luzhniki). 19, 20, the Snow Kaleidos-infaw by the Lenin-lides ice.

SPORTS\_ POOTBALL

KE HOCKEY in Sovietov Palace of in Ioibukhina St). 18 —

MANSPORT HOURS

Metro Park Kultury
ses B, 10.

Propagands Hense at the So
relety for the Projection of Sigciety f in a in. to 1 s.m. Fare 5 kopeks.

Inhyburs 6 s.m. to 1 a.m. Fare 4 kopeks.

In 5 a.m. to 1 a.m. Fare 5 kopeks.

In 130 to 130 a.m. Fare 8 kopeks.

In 21-hour service. Twenty kopeks on the meter.

Outing 8 can 24-hour service. Telephone 225-50-62.

The 10 p.m. fare 15 kopeks. International exhibition

MILITOR No. IN. 1845 MN INFORMATION No. N. 18

"The Portrait of an Artist's Pamily",



Young arint Yuri Rysukhin (in the photo) is a graduate of the Krasubdar Art School in Southern Russis. After he graduated in 1974 he moved to the city of Chranburg in the Urais where he may the exploition of young artists in the West German city of Duisseldori, Estities he (see part in activitities in Finland Creencellovakio, Poland, Romania and West Germany.